1st and Final bill

Name of work: Construction of CC roads in ward no - 04 yelahanka satellite town sub division.

Work Order No: BBMP / EE/ YNK.D / E-PMT-16 /W.O / 07/2020-21 dt: 3-5-2020.

JOB NUMBER: 004-20-000045.

Estimate Cost: 40.00 lakhs.

As No: EE/ YNK.D/ AS / /2019-20 dt .

Ts No : CE / YNK.Z/ TS / /2019-20 dt .

Name of Contractor : Sri G Venkategowda.

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Excavation for road, drains and similar works KSRRB 300.1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and site engineer in incharge	cum							
	Premeasument Recorded vide excel sheet page no						373.81		
							373.81	215.28	80473.00
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs. with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum							
	Premeasument Recorded vide excel sheet page no								
							118.97	5421.90	645037.00

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification								
	for RCC drain								
	RHS (Darmegowda House)		1	30 00	0 90	0 15	4 05		
			1	30 00	0 90	0 15	4 05		
			1	5 50	0 90	0 15	0 74		
	LHS		1	18 40	0 90	0 15	2 48		
			1	30 00	0 90	0 15	4 05		
			1	4 00	0 90	0 15	0 54		
	house no 52 to 55		1	26 50	0 90	0 15	3 58		
	house no 34 LHS		1	15 50	0 90	0 15	2 09		
	RHS		1	30 00	0 90	0 15	4 05		
			1	15 00	0 90	0 15	2 03		
	culvert		1	4 50	1 20	0 23	1 24		
	RCC drain side walls								
	RHS (Darmegowda House)		2	30 00	0 15	0 75	6 75		
			2	30 00	0 15	0 75	6 75		
			2	5 50	0 15	0 75	1 24		
	LHS		2	18 40	0 15	0 70	3 86		
			2	30 00	0 15	0 70	6 30		
			2	4 00	0 15	0 70	0 84		
	house no 52 to 55		2	26 50	0 15	0 70	5 57		
	house no 34 LHS		2	15 50	0 15	0 70	3 26		
	RHS		2	30 00	0 15	0 70	6 30		
			2	15 00	0 15	0 70	3 15		
	culvert		2	4 50	0 23	0 75	1 55		
	for CC road								
	House no 34 NAIEL house		1	5 50	(3 2+3 8)/2	0 15	2 89		
			1	15 00	(4 7+5 2)/2	0 15	11 14		
			1	15 00	(5 2+5 2)/2	0 15	11 70		
			1	17 30	(4 1+5 4)/2	0 15	12 33		
	1/2 x 3.8 x 5.3 = 10.07 x 0.15= 1.52						1 52		
	1/2 x 3.8 x 5 5 = 10.45 x 0.15 = 1 57						1 57		
							115.61		
							115.61	7070.20	817377

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ಬಿ.ಡಿ.ಎ.ಪ. ಬೆಂಗಳೂರು-

09/06/2020

Ramaraj easwar
09/06/2020

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.	Tonne							
	Premeasument Recorded vide excel sheet page no								
							6.92	73992.24	511808.00
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm							
	RHS (Darmegowda House)		1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	5.50	0.90		4.95		
	LHS		1	18.40	0.90		16.56		
			1	30.00	0.90		27.00		
			1	4.00	0.90		3.60		
	house no 52 to 55		1	26.50	0.90		23.85		
	house no 34 LHS		1	15.50	0.90		13.95		
	RHS		1	30.00	0.90		27.00		
			1	15.00	0.90		13.50		
	missing slabs		1	20.00	0.90		18.00		
			1	19.00	0.90		17.10		
			1	25.00	0.90		22.50		
			1	25.00	0.90		22.50		
			1	17.00	0.90		15.30		
			1	24.00	0.90		21.60		
			1	21.00	0.90		18.90		
			1	12.00	0.90		10.80		
							331.11	2337.00	773804.00

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08/06/2020

Ramanjeenath
8/06/2020

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 with 8km lead= (I No-18.47,P No-140)	cum							
	Premeasument Recorded vide excel sheet page no								
7	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and site engineer in incharge	cum					77.02	973.42	74968.00
	Premeasument Recorded vide excel sheet page no								
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision (I No-20.5,P No-153)	cum					38.35	63.94	2452.00
	Premeasument Recorded vide excel sheet page no								
							19.35	1994.92	38602.00

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRRB M2100-10Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications..and site engineer in incharge	cum							
	Premeasument Recorded vide excel sheet page no								
							58.22	5421.90	315641.00
10	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of	CUM cum							
	for CC road from house no 18 (darmegowda house) to No 27								
			1	15.00	(4.1+4.1)/2	0.15	9.23		

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	15.00	(4.1+4.0)/2	0.15	9.11		
			1	15.00	(4.0+4.3)/2	0.15	9.34		
	jagadish house No 52 to 55		1	19.00	(4.3+4.4)/2	0.15	12.40		
			1	4.40	(6.7+3.2)/2	0.15	3.27		
			1	6.70	(3.2+4.8)/2	0.10	2.68		
			1	15.00	(4.8+4.6)/2	0.10	7.05		
			1	7.30	(4.6+4.8)/2	0.15	5.15		
							58.22	5210.96	303361
						Sub Total			3563623.23
						GST 12%			427634.79
						Grand Total			3991258.00

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29/06/2020

Ramaraj-eeth

29/06/2020.